

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference <b>12897PC2-MLE</b>	<b>FOR FURTHER ACTION</b>		See item 4 below
International application No. <b>PCT/AU2005/000107</b>	International filing date ( <i>day/month/year</i> ) <b>28 January 2005 (28.01.2005)</b>	Priority date ( <i>day/month/year</i> ) <b>28 January 2004 (28.01.2004)</b>	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant <b>UNITRACT SYRINGE PTY LTD</b>			

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 *bis*.1(a).
2. This REPORT consists of a total of 4 sheets, including this cover sheet.  
  
In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:
 

<input checked="" type="checkbox"/>	Box No. I	Basis of the report
<input type="checkbox"/>	Box No. II	Priority
<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input type="checkbox"/>	Box No. IV	Lack of unity of invention
<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input type="checkbox"/>	Box No. VI	Certain documents cited
<input type="checkbox"/>	Box No. VII	Certain defects in the international application
<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. +41 22 338 82 70	Date of issuance of this report <b>31 July 2006 (31.07.2006)</b>  Authorized officer <p style="text-align: center;"><b>Dorothee Mülhausen</b></p> e-mail: pt01@wipo.int
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# PATENT COOPERATION TREATY

From the:  
INTERNATIONAL SEARCHING AUTHORITY

**PCT**

REC'D 19 APR 2005

WIPO PCT

To:  
  
Fisher Adams Kelly  
GPO Box 1413  
BRISBANE QLD 4001

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing (day/month/year) <span style="float: right;">14 APR 2005</span>	
<b>FOR FURTHER ACTION</b> See paragraph 2 below	
Applicant's or agent's file reference 12897PC2	International filing date (day/month/year) 28 January 2005
International application No. <b>PCT/AU2005/000107</b>	Priority date (day/month/year) 28 January 2004
International Patent Classification (IPC) or both national classification and IPC Int. Cl. <sup>7</sup> A61M 5/50, 5/315	
Applicant <b>UNITRACT SYRINGE PTY LTD et al</b>	

1. This opinion contains indications relating to the following items:

- |                                     |              |  |
|-------------------------------------|--------------|--|
| <input checked="" type="checkbox"/> | Box No. I    | Basis of the opinion   |
| <input type="checkbox"/>            | Box No. II   | Priority   |
| <input type="checkbox"/>            | Box No. III  | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability   |
| <input type="checkbox"/>            | Box No. IV   | Lack of unity of invention   |
| <input checked="" type="checkbox"/> | Box No. V    | Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/>            | Box No. VI   | Certain documents cited  |
| <input type="checkbox"/>            | Box No. VII  | Certain defects in the international application   |
| <input type="checkbox"/>            | Box No. VIII | Certain observations on the international application  |

### 2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the IPEA/AU  
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**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

**PCT/AU2005/000107**

**Box No. I      Basis of the opinion**

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.  
☐ This opinion has been established on the basis of a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
  - a. type of material  
☐ a sequence listing  
☐ table(s) related to the sequence listing
  - b. format of material  
☐ in written format  
☐ in computer readable form
  - c. time of filing/furnishing  
☐ contained in the international application as filed.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/AU2005/000107

**Box No. V** Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

**1. Statement**

Novelty (N)	Claims 3, 6, 9, 13, 15-19	YES
	Claims 1, 2, 4, 5, 7, 8, 10-12, 14	NO
Inventive step (IS)	Claims	YES
	Claims 1-19	NO
Industrial applicability (IA)	Claims 1-19	YES
	Claims	NO

**2. Citations and explanations:**

The following documents identified in the International Search Report have been considered for the purposes of this report:

D1 US 5211628 A  
D2 AU 39180/89 A  
D3 GB 2341804 A

**Novelty (N)**

Claims 1, 2, 4, 5, 7, 8, 10-12, 14 do not meet the criteria set forth in PCT Article for novelty when compared to the documents D1 – D3.

D1 discloses all the features of claims 1, 4, 5, 7, 10-12 and 14. For example, see figures 1-5 in which item 43 (lower wall) provides the first plunger and item 61 provides the second plunger. Item 62 provides the means for engaging the needle mount. Item 34 provides the collar.

D2 discloses all the features of 1, 2, 4, 7, 8, 10 and 14.

D3 discloses the features of 1, 4, 7 and 10.

The features of claims 3, 6, 9, 13 and 15-19 are not disclosed in the prior art identified above, hence the subject matter of these claims meets the requirements of Article 33(2) PCT with regard to the requirement for novelty.

**Inventive Step (IS)**

Claims 1, 2, 4, 5, 7, 8, 10-12, 14 are not inventive for the reasons given above. However, the features defined in claims 3, 6, 9, 13 and 15-19 are related to parameters or structures which can be arrived at by the application of normal design procedures when the general technical knowledge about the state of the art is used and hence do not contribute to patentable invention.